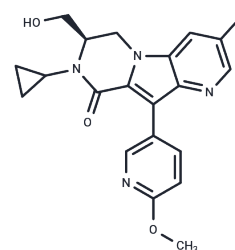


Phosphodiesterase-IN-3

Chemical Properties

CAS No. :	3042880-01-0
Formula:	C ₂₀ H ₁₉ FN ₄ O ₃
Molecular Weight:	382.388
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Phosphodiesterase-IN-3 (Example 20) is an inhibitor of phosphodiesterase 4B, with IC ₅₀ values for PDE4B1 and PDE4D3 of less than 10 nM and between 10-100 nM, respectively. Phosphodiesterase-IN-3 shows potential for research in idiopathic pulmonary fibrosis.
Targets(IC ₅₀)	PDE

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6151 mL	13.0757 mL	26.1513 mL
5 mM	0.523 mL	2.6151 mL	5.2303 mL
10 mM	0.2615 mL	1.3076 mL	2.6151 mL
50 mM	0.0523 mL	0.2615 mL	0.523 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481